PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

CONSENT TO CHANGE OF INVENTORSHIP

Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

The undersigned, Microsoft Corporation, having a place of business at One Microsoft gay, Redmond, Washington 98052, being assignee of record to total interest in the above-identified application by the Assignment filed at the United States Patent and Trademark Office on April 30, 2001 (attached hereto), consents to the addition of William Vong as a joint inventor to correct inventorship in this application. I have authority to act on behalf of Microsoft Corporation.

April 22, 2002

Date

Name: Daniel D. Crouse

Assistent Corporate Secretary

Position:

MICROSOFT CORPORATION One Microsoft Way Redmond, Washington 98052 RECEIVED